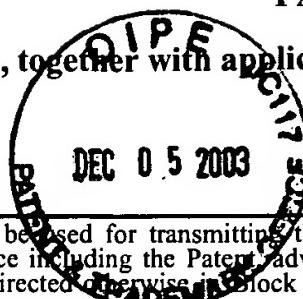


PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**



**Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
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CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590 11/25/2003

STALLMAN & POLLOCK LLP
Attn: Micheal A. Stallman
121 Spear Street
Suite 290
San Francisco, CA 94105

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Georgia K. Stith	(Depositor's name)
<i>Georgia K. Stith</i>	(Signature)
December 30, 2003	(D)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/629,407	08/01/2000	Allan Rosencwaig	TWI-10820	6057

TITLE OF INVENTION: MEASUREMENT OF THIN FILMS AND BARRIER LAYERS ON PATTERNED WAFERS WITH X-RAY REFLECTOMETRY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	<input checked="" type="checkbox"/> Yes	\$665	\$0	\$665	02/25/2004
EXAMINER	ART UNIT	CLASS-SUBCLASS			

SONG, HOON K 2882 378-089000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Stallman & Pollock LLP

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

THERMA-WAVE, INC.

1250 Reliance Way, Fremont, CA 94539

Please check the appropriate assignee category or categories (will not be printed on the patent); individual corporation or other private group entity government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

Issue Fee

A check in the amount of the fee(s) is enclosed.

Publication Fee

Payment by credit card. Form PTO-2038 is attached.

Advance Order - # of Copies 5

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(Authorized Signature)

(Date) 12/3/2003

Michael A. Stallman (Reg. No. 29,444)

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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12/08/2003 SSESHE2 00000095 09629407

01 FC:2501
02 FC:8001

665.00 OP
15.00 OP



PATENT

-1-

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Allan Rosencwaig et al.

Application No.: 09/629,407

Filed: August 1, 2000

For: MEASUREMENT OF THIN FILMS
AND BARRIER LAYERS ON
PATTERNEDE WAFERS WITH X-RAY
REFLECTOMETRY

Confirmation No.: 6057

Group Art Unit: 2882

Examiner: H.K. Song

SUBMISSION OF ISSUE FEE

121 Spear Street, Suite 290
San Francisco, CA 94105
(415) 512-1312

M/S ISSUE FEE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Per the Notice of Allowance and Issue Fee Due which was mailed November 25, 2003, enclosed for filing in the above-captioned case are form PTOL-85b and a check for \$680.00 to cover the issue fee of \$665.00, and the payment of \$15.00 for ordering five (5) advanced copies of the patent upon issuance.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-1703, under Order No. TWI-10820.

A duplicate copy of this sheet is enclosed.

Respectfully submitted,

STALLMAN & POLLOCK LLP

Dated: December 3, 2003

By: Michael A. Stallman (Reg. No. 29,444)

Attorneys for Applicant(s)

Atty Docket No.: TWI-10820